

Morbidity and Mortality

Weekly
Report

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PUBLIC HEALTH SERVICE

Prepared by the

COMMUNICABLE DISEASE CENTER

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ATLANTA 22, GEORGIA

Vol. 11, No. 12

PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED MARCH 24, 1962

INFLUENZA - No significant outbreaks of influenza-like illness have been reported this week. New Hampshire and Rhode Island have confirmed outbreaks of Influenza B, bringing the total number of States confirming influenza B to 40. Influenza A₂ (Asian) virus has been isolated from a single case in Oakland, California.

No community epidemics of A₂ Influenza have yet been identified. The first A₂ virus isolation was obtained from an isolated case in Oakland, California. (Note: The previous report of six A₂ virus isolations, MMWR, Vol. 11, No. 9, page 66, was in error. These represented cases with serologic titer rises only.)

POLIOMYELITIS - Four cases of poliomyelitis, three paralytic, were reported from four widely separated States for the week ending March 24.

Of the 46 paralytic cases reported thus far in 1962, 28 had onset since January 1. Eighteen cases represent delayed reports with onsets of illness in 1961.

The map on page 90 depicts by county of origin 26 of the cases of paralytic poliomyelitis with onset in 1962. The county of origin for two paralytic cases reported this week (from California and Iowa) are not yet known.

HEPATITIS - 1,227 cases of viral hepatitis were reported for the week ending March 24, 1962, as compared to 1,919 cases for the corresponding period in 1961.

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

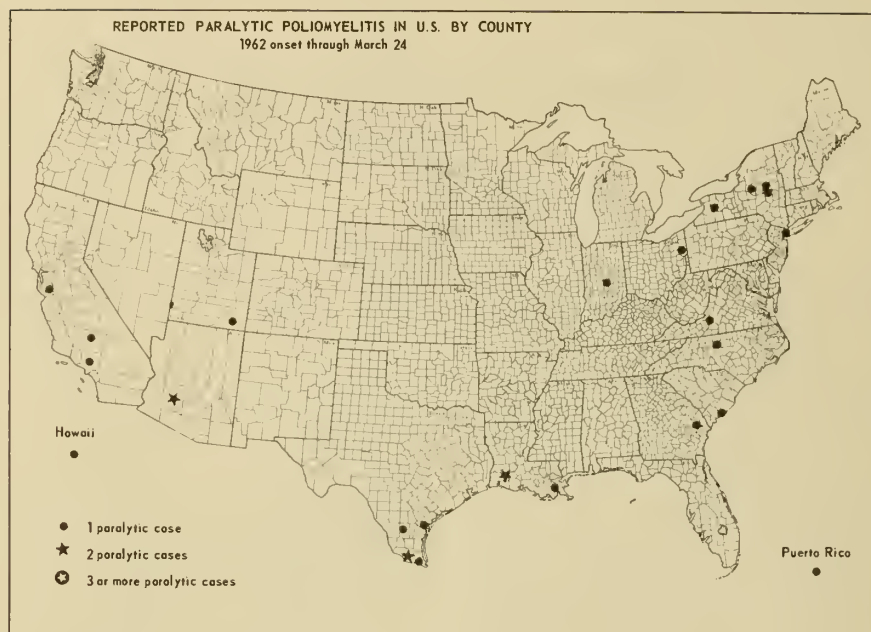
(Cumulative totals include revised and delayed reports through previous week)

Disease	12th Week			Cumulative		
	Ended March 24, 1962	Ended March 25, 1961	Median 1957 - 1961	First 12 weeks		Median 1957 - 1961
				1962	1961	
Aseptic meningitis.....	16	13	---	194	261	---
Brucellosis.....	7	13	13	69	117	155
Diphtheria.....	6	6	11	129	192	207
Encephalitis, infectious.....	30	34	34	302	302	278
Hepatitis, infectious and serum...	1,227	1,919	479	16,774	21,170	6,619
Measles.....	19,247	15,519	16,500	149,147	136,645	152,287
Meningococcal infections.....	58	60	66	622	603	685
Poliomyelitis, total.....	4	8	19	73	99	207
Paralytic.....	3	5	15	46	57	149
Nonparalytic.....	-	3	3	10	24	33
Unspecified.....	1	-	1	17	18	25
Streptococcal sore throat and Scarlet fever.....	8,905	9,828	---	105,551	115,827	---
Tetanus.....	1	---	---	26	---	---
Tularemia.....	3	---	---	57	---	---
Typhoid fever.....	7	6	11	98	99	120
Typhus fever, tick-borne, (Rocky Mountain spotted).....	-	---	---	3	---	---
Rabies in Animals.....	122	95	102	920	778	1,019

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

Anthrax:
Botulism:
Malaria: Conn. - 1
Plague:

Psittacosis: Calif. - 1
Rabies in Man:
Smallpox:
Typhus, murine:



EPIDEMIOLOGICAL REPORTS

Salmonellosis — Michigan

A notable epidemic in Detroit of food-borne *Salmonella thompson* infections has recently come to light. Following a report from Canada relating a marked increase in *S. thompson* infections to cake mixes, information regarding the 1961 occurrence of these organisms was sought from the 22 Salmonella typing centers in the country. The localization of 13 *S. thompson* cases to the Detroit region led to intensive studies in this area.

Eleven of these 13 persons had onset of illness due to *S. thompson* during the 10 hour period from 10:00 P.M. on July 22 to 8:00 A.M. on July 23. The other two cases could not be related to the epidemic. All of the 11 bacteriologically confirmed cases had ingested eclairs, obtained from a single neighborhood bakery, on July 22. Six to 18 hours after eating the eclairs, illness in these patients was heralded by explosive, blood-flecked diarrheal stools, continuous vomiting, intense abdominal cramps, and temperature elevations varying from 102° to 105° F. The sustained fluid loss led to profound fatigue and collapse. Seven persons required hospitalization. Therapy, consisting of replacement parenteral fluids, antispasmodics, and broad spectrum antibiotics, resulted in improvement within 24 hours and discharge of all hospitalized patients by the 7th day. Despite a three-week course of antibiotics, repeated cultures have yielded *S. thompson* for as long as 6 months in some of the patients.

Each of the bakery's employees submitted 2 stool specimens which when cultured were free from enteric pathogens. The list of ingredients used in the eclairs indicated that fresh eggs were the probable source of contamination. It was possible to trace the origin of the eggs through a route-man distributor, wholesaler and farm, to a single breeder source. This breeder had sustained losses of large numbers of newly hatched chicks due to an epizootic of *S. thompson* infections earlier in 1961. Investigations to ascertain the method of breeder flock infection or contamination are continuing.

(Reported by Dr. George H. Agate, Epidemiologist, Michigan Department of Health; Dr. G. D. Cummings, Director of Laboratory Services, Michigan Department of Health; Dr. Joseph G. Molner, Director, Detroit Health Department; and an EIS Officer from the Communicable Disease Center.)

Food-Borne Staphylococcus Enterotoxin Outbreaks

Twenty-seven outbreaks of gastroenteritis presumable due to staphylococcus enterotoxin are summarized on page 96. A total of 53 such outbreaks were reported during 1961 from 16 States, (See MMWR, Vol. 10, Nos. 12 and 27). The principal vehicles involved were sandwiches and salad preparations; and ham, turkey, and chicken, baked alone or in casseroles.

The interval between ingestion of the contaminated food and onset of symptoms varied between 1½ and 8 hours, as would be expected, in all cases except two (Case outbreaks Nos. 2 and 27) where intervals as long as 18 hours were recorded.

INTERNATIONAL NOTES - QUARANTINE MEASURES

Smallpox - Europe

Germany - Monshau Kreis (Land Nordrheinwestfalen) - Three additional cases of smallpox have been confirmed in this area, bringing the total of confirmed cases to 29, including 1 death.

Wales - Glamorganshire - A total of 17 confirmed cases of smallpox, including four deaths, has been reported to date. Eight cases, including three deaths, are from the Rhondda Urban District; nine cases, including one death, are from the Llanstrisnant Rural District.

Immunization Information for International Travel

1961 edition - Public Health Service Publication No. 384

Section 5 - Add to the requirements:

ASIA - Pakistan, Page 47

Smallpox vaccination is required of departing travelers. Certificate is valid for three months, beginning 10 days after a primary vaccination or 3 days after a revaccination. A certificate indicating vaccination performed within 3 years will be accepted from transit passengers who remain less than 10 days in Pakistan.

Cholera vaccination is required of all arrivals from infected areas in Afghanistan.

All other information remains the same.

SUMMARY OF DEATHS AMONG PERSONS 65 YEARS AND OVER IN 108 U. S. CITIES

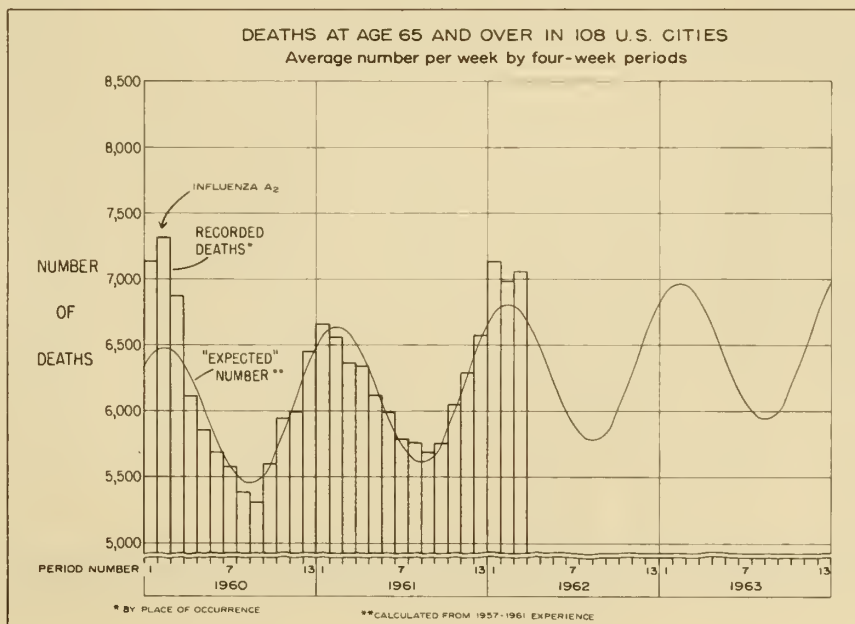
During the third four-week period of the current year ending March 24, there was an average weekly number of deaths of 7,053 as compared with a weekly average of 6,992 during the second four-week period and 7,136 during the first four-week period.

During this past four-week period, the number of deaths fell to expected levels in the last week of the period, bringing the average weekly excess to 305 for the four weeks. During the 1960 influenza A₂ epidemic, the average weekly excess number of deaths among older persons for the comparable four-week period was 435, and

similarly to the current period, the number of deaths fell markedly during the last week of the period.

DEATHS 65 YEARS AND OVER RECORDED IN 108 UNITED STATES CITIES

	WEEK ENDING				4 week Total	Weekly Average
	3/3	3/10	3/17	3/24		
Observed	7,353	7,058	7,144	6,657	28,212	7,053
Expected	6,785	6,765	6,738	6,703	26,991	6,748
Excess	568	293	406	-46	1,221	305



(See table, page 95)

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Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED

MARCH 25, 1961 AND MARCH 24, 1962

Area	Poliomyelitis, Total Cases				Poliomyelitis, Paralytic				Poliomyelitis, nonparalytic		Aseptic Meningitis	
	12th week		Cumulative First 12 weeks		12th week		Cumulative First 12 weeks		12th week		12th week	
	1962	1961	1962	1961	1962	1961	1962	1961	1962	1961	1962	1961
UNITED STATES.....	4	8	73	99	3	5	46	57	-	3	16	13
NEW ENGLAND.....	-	1	-	3	-	1	-	3	-	-	-	1
Maine.....	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts.....	-	1	-	2	-	1	-	2	-	-	-	1
Rhode Island.....	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut.....	-	-	-	1	-	-	-	1	-	-	-	-
MIDDLE ATLANTIC.....	1	-	29	5	1	-	16	4	-	-	-	-
New York.....	1	-	29	3	1	-	16	2	-	-	-	-
New Jersey.....	-	-	-	2	-	-	-	2	-	-	-	-
Pennsylvania.....	-	-	-	-	-	-	-	-	-	-	-	-
EAST NORTH CENTRAL.....	1	1	8	15	-	1	5	9	-	-	3	4
Ohio.....	-	-	4	7	-	-	4	3	-	-	-	-
Indiana.....	1	-	3	1	-	-	1	1	-	-	-	1
Illinois.....	-	1	1	3	-	1	-	3	-	-	2	1
Michigan.....	-	-	-	1	-	-	-	1	-	-	-	1
Wisconsin.....	-	-	-	3	-	-	-	1	-	-	1	1
WEST NORTH CENTRAL.....	1	-	5	2	1	-	1	2	-	-	-	-
Minnesota.....	-	-	-	1	-	-	-	1	-	-	-	-
Iowa.....	1	-	3	-	1	-	1	-	-	-	-	-
Missouri.....	-	-	2	-	-	-	-	-	-	-	-	-
North Dakota.....	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota.....	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska.....	-	-	-	1	-	-	-	1	-	-	-	-
Kansas.....	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH ATLANTIC.....	-	1	5	10	-	-	5	6	-	1	1	-
Delaware.....	-	1	-	2	-	-	-	1	-	1	-	-
Maryland.....	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia..	-	-	-	-	-	-	-	-	-	-	-	-
Virginia.....	-	-	1	-	-	-	1	-	-	-	1	-
West Virginia.....	-	-	-	2	-	-	-	1	-	-	-	-
North Carolina.....	-	-	1	3	-	-	1	2	-	-	-	-
South Carolina.....	-	-	1	-	-	-	1	-	-	-	-	-
Georgia.....	-	-	1	1	-	-	1	1	-	-	-	-
Florida.....	-	-	1	2	-	-	1	1	-	-	-	-
EAST SOUTH CENTRAL.....	-	1	3	13	-	1	2	2	-	-	3	1
Kentucky.....	-	1	-	13	-	1	-	2	-	-	3	1
Tennessee.....	-	-	1	-	-	-	-	-	-	-	-	-
Alabama.....	-	-	-	-	-	-	-	-	-	-	-	-
Mississippi.....	-	-	2	-	-	-	2	-	-	-	-	-
WEST SOUTH CENTRAL.....	-	2	11	13	-	-	9	5	-	2	1	-
Arkansas.....	-	-	-	1	-	-	-	-	-	-	-	-
Louisiana.....	-	-	4	3	-	-	4	2	-	-	-	-
Oklahoma.....	-	-	-	-	-	-	-	-	-	-	-	-
Texas.....	-	2	7	9	-	-	5	3	-	2	1	-
MOUNTAIN.....	-	-	5	15	-	-	3	9	-	-	-	1
Montana.....	-	-	2	1	-	-	1	1	-	-	-	-
Idaho.....	-	-	-	3	-	-	-	1	-	-	-	-
Wyoming.....	-	-	-	-	-	-	-	-	-	-	-	-
Colorado.....	-	-	-	3	-	-	-	3	-	-	-	1
New Mexico.....	-	-	-	1	-	-	-	-	-	-	-	-
Arizona.....	-	-	2	2	-	-	2	1	-	-	-	-
Utah.....	-	-	1	5	-	-	-	3	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	1	2	7	23	1	2	5	17	-	-	8	6
Washington.....	-	-	-	-	-	-	-	-	-	-	2	1
Oregon.....	-	-	-	2	-	-	-	1	-	-	-	-
California.....	1	2	6	20	1	2	4	15	-	-	6	5
Alaska.....	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii.....	---	-	1	1	---	-	1	1	---	-	---	-
Puerto Rico.....	-	-	-	1	-	-	-	1	-	-	1	-

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED

MARCH 25, 1961 AND MARCH 24, 1962 - (Continued)

Area	Brucellosis		Diphtheria		Encephalitis, Infectious		Hepatitis, infectious and serum				Measles	
	12th week	Cumulative 12 weeks	12th week	Cumulative 12 weeks	12th week		12th week				12th week	
							Under 20 yr.	20 & over	Total	Total		
							1962	1962	1962	1961	1962	1961
UNITED STATES.....	7	69	6	129	30	34	680	448	1,227	1,919	19,247	15,519
NEW ENGLAND.....	-	-	-	-	5	1	24	33	60	38	1,965	1,279
Maine.....	-	-	-	-	-	-	10	6	16	-	169	26
New Hampshire.....	-	-	-	-	-	-	2	6	10	2	38	50
Vermont.....	-	-	-	-	-	-	1	1	2	4	67	71
Massachusetts.....	-	-	-	-	1	1	6	12	18	21	939	602
Rhode Island.....	-	-	-	-	3	-	2	1	3	4	119	399
Connecticut.....	-	-	-	-	1	-	3	7	11	7	633	131
MIDDLE ATLANTIC.....	-	1	1	2	10	13	92	79	171	326	2,976	2,977
New York.....	-	-	1	2	9	7	47	46	93	125	1,654	1,403
New Jersey.....	-	-	-	-	-	6	12	11	23	108	1,036	629
Pennsylvania.....	-	1	-	-	1	-	33	22	55	93	286	945
EAST NORTH CENTRAL.....	-	19	-	2	2	2	190	110	320	342	2,265	4,795
Ohio.....	-	-	-	-	-	-	50	31	89	109	308	1,186
Indiana.....	-	1	-	1	-	-	28	10	42	77	418	167
Illinois.....	-	16	-	-	1	2	63	29	97	46	598	523
Michigan.....	-	-	-	1	1	-	49	37	86	105	707	1,258
Wisconsin.....	-	2	-	-	-	-	-	3	6	5	234	1,661
WEST NORTH CENTRAL.....	4	32	3	23	-	4	46	35	91	223	653	425
Minnesota.....	-	3	1	7	-	1	17	7	25	58	38	21
Iowa.....	2	18	-	-	-	-	7	10	18	62	443	125
Missouri.....	-	1	-	-	-	1	13	6	22	64	26	164
North Dakota.....	-	-	-	-	-	-	-	2	2	-	125	107
South Dakota.....	-	1	-	3	-	-	2	2	4	-	21	-
Nebraska.....	2	5	2	11	-	-	3	4	12	13	-	8
Kansas.....	-	4	-	1	-	2	4	4	8	26	NN	NN
SOUTH ATLANTIC.....	-	5	1	24	2	2	95	49	148	225	1,272	1,697
Delaware.....	-	-	-	-	-	-	-	1	1	8	14	69
Maryland.....	-	-	-	-	1	-	12	5	17	28	172	120
District of Columbia..	-	-	-	1	1	-	1	-	1	-	28	10
Virginia.....	-	1	-	4	-	-	14	14	32	22	442	290
West Virginia.....	-	-	-	-	-	-	13	3	16	54	470	280
North Carolina.....	-	2	1	4	-	-	37	17	54	55	41	354
South Carolina.....	-	-	-	2	-	-	5	1	6	11	7	85
Georgia.....	-	1	-	4	-	-	3	3	6	9	5	6
Florida.....	-	1	-	9	-	2	10	5	15	38	93	483
EAST SOUTH CENTRAL.....	-	3	-	8	-	-	104	33	137	301	1,650	1,130
Kentucky.....	-	-	-	-	-	-	39	10	49	68	420	304
Tennessee.....	-	2	-	4	-	-	35	12	47	117	1,117	562
Alabama.....	-	1	-	3	-	-	14	3	17	55	35	226
Mississippi.....	-	-	-	1	-	-	16	8	24	61	78	38
WEST SOUTH CENTRAL.....	2	5	1	54	4	5	34	28	65	151	4,377	699
Arkansas.....	-	-	-	1	1	-	3	4	7	23	13	134
Louisiana.....	-	-	-	7	-	-	4	1	5	18	8	-
Oklahoma.....	-	-	-	3	-	-	3	2	6	4	180	1
Texas.....	2	5	1	43	3	5	24	21	47	106	4,176	564
MOUNTAIN.....	1	2	-	7	1	-	12	11	66	104	1,247	749
Montana.....	-	-	-	6	-	-	2	3	5	4	490	63
Idaho.....	-	-	-	-	-	-	-	-	12	2	43	77
Wyoming.....	-	-	-	-	-	-	-	1	1	11	-	5
Colorado.....	1	1	-	-	-	-	1	-	9	27	278	133
New Mexico.....	-	-	-	1	-	-	5	5	10	8	NN	NN
Arizona.....	-	-	-	-	1	-	-	-	23	32	240	442
Utah.....	-	1	-	-	-	-	4	2	6	19	190	25
Nevada.....	-	-	-	-	-	-	-	-	-	1	6	4
PACIFIC.....	-	2	-	9	6	7	83	70	169	209	2,842	1,768
Washington.....	-	-	-	-	1	1	7	8	20	33	931	250
Oregon.....	-	-	-	-	1	-	17	7	24	57	565	188
California.....	-	2	-	4	5	6	59	55	114	111	1,326	1,308
Alaska.....	-	-	-	5	-	-	-	-	11	7	20	14
Hawaii.....	---	-	---	-	---	-	---	---	---	1	---	8
Puerto Rico.....	-	-	1	10	-	-	12	3	15	19	114	8

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Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED

MARCH 25, 1961 AND MARCH 24, 1962 - (Continued)

Area	Meningococcal Infections		Streptococcal Sore Throat & Scarlet Fever		Tetanus	Tickborne Typhus (Rocky Mt. Spotted)	Tularemia	Typhoid Fever		Rabies in Animals		
	12th wk.	Cumulative 12 weeks	12th week		12th wk.	12th wk.	12th wk.	12th wk.	Cumulative 12 weeks	12th week		Cumulative 12 weeks
			1962	1961						1962	1961	
UNITED STATES.....	58	622	8,905	9,828	1	-	3	7	98	122	95	920
NEW ENGLAND.....	-	36	933	737	-	-	-	-	2	-	-	-
Maine.....	-	6	277	33	-	-	-	-	1	-	-	-
New Hampshire.....	-	2	-	44	-	-	-	-	-	-	-	-
Vermont.....	-	-	96	8	-	-	-	-	-	-	-	-
Massachusetts.....	-	14	107	250	-	-	-	-	1	-	-	-
Rhode Island.....	-	4	38	74	-	-	-	-	-	-	-	-
Connecticut.....	-	10	415	328	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC.....	6	96	607	1,380	-	-	-	-	12	4	1	23
New York.....	4	47	308	822	-	-	-	-	6	3	-	13
New Jersey.....	-	19	117	276	-	-	-	-	4	-	-	-
Pennsylvania.....	2	30	182	282	-	-	-	-	2	1	1	10
EAST NORTH CENTRAL..	15	132	1,006	1,246	-	-	-	-	12	24	6	140
Ohio.....	4	41	127	322	-	-	-	-	4	12	2	50
Indiana.....	1	13	209	226	-	-	-	-	-	10	2	62
Illinois.....	1	20	220	206	-	-	-	-	3	-	2	15
Michigan.....	9	52	208	297	-	-	-	-	3	1	-	7
Wisconsin.....	-	6	242	195	-	-	-	-	2	1	-	6
WEST NORTH CENTRAL..	2	30	270	284	-	-	-	1	5	36	28	291
Minnesota.....	-	3	35	22	-	-	-	-	-	7	4	50
Iowa.....	-	5	96	59	-	-	-	-	-	13	11	129
Missouri.....	-	9	26	10	-	-	-	1	4	9	6	49
North Dakota.....	-	1	69	126	-	-	-	-	-	3	1	23
South Dakota.....	-	1	5	-	-	-	-	-	-	4	5	36
Nebraska.....	2	5	-	-	-	-	-	-	1	-	1	3
Kansas.....	-	6	39	67	-	-	-	-	-	-	-	1
SOUTH ATLANTIC.....	9	98	719	844	-	-	2	-	14	7	18	70
Delaware.....	2	12	2	3	-	-	-	-	-	-	-	-
Maryland.....	-	4	26	44	-	-	-	-	2	-	-	1
Dist. of Columbia..	-	5	1	2	-	-	-	-	1	-	-	-
Virginia.....	1	21	328	231	-	-	-	-	3	4	15	36
West Virginia.....	-	6	163	293	-	-	-	-	1	1	3	18
North Carolina.....	4	26	33	45	-	-	-	-	-	-	-	-
South Carolina.....	1	5	74	27	-	-	-	-	1	-	-	-
Georgia.....	-	6	-	1	-	-	2	-	3	-	-	1
Florida.....	1	13	92	198	-	-	-	-	3	2	-	14
EAST SOUTH CENTRAL..	3	43	1,369	1,552	-	-	-	1	8	12	11	133
Kentucky.....	-	10	173	241	-	-	-	-	2	2	1	35
Tennessee.....	-	19	1,131	1,250	-	-	-	1	3	9	9	93
Alabama.....	2	8	5	23	-	-	-	-	3	1	1	5
Mississippi.....	1	6	60	38	-	-	-	-	-	-	-	-
WEST SOUTH CENTRAL..	11	64	1,014	1,080	1	-	1	4	31	25	21	194
Arkansas.....	2	8	4	11	-	-	-	-	2	5	5	32
Louisiana.....	5	27	5	14	-	-	-	1	10	1	1	7
Oklahoma.....	-	4	14	13	-	-	-	-	3	-	-	7
Texas.....	4	25	991	1,042	1	-	1	3	16	19	15	148
MOUNTAIN.....	-	19	1,311	1,704	-	-	-	1	6	1	-	9
Montana.....	-	2	90	63	-	-	-	-	1	-	-	-
Idaho.....	-	3	133	77	-	-	-	-	-	-	-	-
Wyoming.....	-	2	82	40	-	-	-	1	2	-	-	-
Colorado.....	-	3	414	654	-	-	-	-	-	-	-	-
New Mexico.....	-	-	247	472	-	-	-	-	2	-	-	5
Arizona.....	-	6	163	207	-	-	-	-	1	1	-	4
Utah.....	-	-	182	183	-	-	-	-	-	-	-	-
Nevada.....	-	3	-	8	-	-	-	-	-	-	-	-
PACIFIC.....	12	104	1,676	1,001	-	-	-	-	8	13	10	60
Washington.....	2	9	594	432	-	-	-	-	-	-	-	-
Oregon.....	1	12	36	89	-	-	-	-	-	-	-	-
California.....	9	79	996	434	-	-	-	-	6	13	9	60
Alaska.....	-	4	50	41	-	-	-	-	2	-	1	-
Hawaii.....	---	-	---	5	---	---	---	---	-	---	-	-
Puerto Rico.....	-	4	1	-	11	-	-	-	-	-	-	5

Table 4 (D). TOTAL DEATHS AMONG PERSONS 65 YEARS AND OVER IN REPORTING CITIES

(Tables 4(A), 4(B), 4(C), and 4(D) will be published in sequence covering a four-week period.°)

Area	For weeks ending				Area	For weeks ending			
	3/3	3/10	3/17	3/24		3/3	3/10	3/17	3/24
NEW ENGLAND:					SOUTH ATLANTIC:				
Boston, Mass.....	158	181	172	138	Atlanta, Ga.....	58	60	60	52
Bridgeport, Conn.....	28	31	28	21	Baltimore, Md.....	151	146	157	128
Cambridge, Mass.....	29	30	19	26	Charlotte, N.C.....	20	26	10	24
Fall River, Mass.....	27	14	21	21	Jacksonville, Fla.....	22	27	26	29
Hartford, Conn.....	35	27	35	41	Miami, Fla.....	43	32	64	47
Lowell, Mass.....	18	12	18	24	Norfolk, Va.....	24	24	33	16
Lynn, Mass.....	20	22	22	17	Richmond, Va.....	43	54	34	47
New Bedford, Mass.....	36	25	17	15	Savannah, Ga.....	21	17	13	11
New Haven, Conn.....	34	32	35	29	St. Petersburg, Fla.....	60	65	52	71
Providence, R.I.....	41	39	40	41	Tampa, Fla.....	30	44	43	33
Somerville, Mass.....	10	7	13	8	Washington, D.C.....	128	115	110	93
Springfield, Mass.....	50	28	35	26	Wilmington, Del.....	28	17	23	19
Waterbury, Conn.....	24	15	21	12					
Worcester, Mass.....	52	47	42	43	EAST SOUTH CENTRAL:				
MIDDLE ATLANTIC:					Birmingham, Ala.....	55	44	47	41
Albany, N.Y.....	32	30	39	28	Chattanooga, Tenn.....	29	58	23	25
Allentown, Pa.....	22	26	27	31	Knoxville, Tenn.....	19	21	9	21
Buffalo, N.Y.....	92	98	94	103	Louisville, Ky.....	50	87	71	62
Camden, N.J.....	21	21	21	28	Memphis, Tenn.....	82	61	62	67
Elizabeth, N.J.....	22	18	13	18	Mobile, Ala.....	19	30	22	22
Erie, Pa.....	30	21	25	49	Montgomery, Ala.....	23	14	13	21
Jersey City, N.J.....	60	37	34	41	Nashville, Tenn.....	35	34	41	36
Newark, N.J.....	65	56	69	57	WEST SOUTH CENTRAL:				
New York City, N.Y.....	1,031	1,040	1,096	1,002	Austin, Tex.....	22	22	28	25
Paterson, N.J.....	28	30	19	19	Baton Rouge, La.....	13	21	11	18
Philadelphia, Pa.....	322	250	368	296	Corpus Christi, Tex.....	7	13	13	14
Pittsburgh, Pa.....	100	88	102	137	Dallas, Tex.....	73	73	73	71
Reading, Pa.....	27	19	24	27	El Paso, Tex.....	36	13	27	10
Rochester, N.Y.....	80	87	80	57	Fort Worth, Tex.....	39	43	36	44
Schenectady, N.Y.....	24	16	24	16	Houston, Tex.....	78	72	81	84
Scranton, Pa.....	28	24	33	28	Little Rock, Ark.....	37	44	39	43
Syracuse, N.Y.....	47	47	48	35	New Orleans, La.....	90	76	81	100
Trenton, N.J.....	48	34	37	26	Oklahoma City, Okla.....	40	49	54	39
Utica, N.Y.....	27	30	23	21	San Antonio, Tex.....	56	67	56	63
Yonkers, N.Y.....	21	25	28	21	Shreveport, La.....	29	32	26	29
EAST NORTH CENTRAL:					Tulsa, Okla.....	42	42	38	36
Akron, Ohio.....	51	38	23	24	MOUNTAIN:				
Canton, Ohio.....	31	24	22	19	Albuquerque, N. Mex.....	10	16	4	25
Chicago, Ill.....	518	452	475	409	Colorado Springs, Colo...	4	10	8	11
Cincinnati, Ohio.....	110	105	110	97	Denver, Colo.....	67	68	76	58
Cleveland, Ohio.....	131	137	145	114	Ogden, Utah.....	10	5	9	5
Columbus, Ohio.....	90	90	81	75	Phoenix, Ariz.....	41	52	48	52
Dayton, Ohio.....	55	35	47	49*	Pueblo, Colo.....	14	5	6	7
Detroit, Mich.....	225	242	237	209	Salt Lake City, Utah.....	34	48	35	26
Evansville, Ind.....	23	20	17	26	Tucson, Ariz.....	23	30	20	26
Flint, Mich.....	30	42	27	24	PACIFIC:				
Fort Wayne, Ind.....	28	30	23	26	Berkeley, Calif.....	7	8	10	12
Gary, Ind.....	24	17	14	15	Fresno, Calif.....	19	25	31	24
Grand Rapids, Mich.....	32	43	35	33	Glendale, Calif.....	39	25	30	26
Indianapolis, Ind.....	99	101	95	84	Honolulu, Hawaii.....	27	20	22	18
Madison, Wis.....	14	18	28	22	Long Beach, Calif.....	47	24	38	38
Milwaukee, Wis.....	97	63	97	74	Los Angeles, Calif.....	339	286	302	289
Peoria, Ill.....	15	27	18	13	Oakland, Calif.....	54	55	56	57
Rockford, Ill.....	11	19	13	14	Pasadena, Calif.....	28	30	34	32
South Bend, Ind.....	19	10	25	16	Portland, Oreg.....	69	103	56	68
Toledo, Ohio.....	76	77	76	76	Sacramento, Calif.....	32	40	30	26
Youngstown, Ohio.....	33	45	40	35	San Diego, Calif.....	47	53	47	39
WEST NORTH CENTRAL:					San Francisco, Calif.....	111	111	113	111
Des Moines, Iowa.....	46	32	38	46	San Jose, Calif.....	25	18	16	26
Duluth, Minn.....	32	10	16	14	Seattle, Wash.....	82	83	89	91
Kansas City, Kans.....	24	32	23	20	Spokane, Wash.....	40	28	39	31
Kansas City, Mo.....	113	87	88	79	Tacoma, Wash.....	20	27	30	27
Lincoln, Nebr.....	21	30	26	27					
Minneapolis, Minn.....	99	90	59	61	San Juan, P.R.....	8	17	17	(---)
Omaha, Nebr.....	49	61	48	43					
St. Louis, Mo.....	158	131	138	123					
St. Paul, Minn.....	55	45	45	53					
Wichita, Kans.....	24	35	23	38					

*Estimate - based on average percent of divisional total.
Totals for previous weeks include reported corrections.

NOTE: All deaths by place of occurrence.

°Current Week Mortality for 108 Selected Cities

4(A) Total Mortality, all ages.....	11,915
4(B) Pneumonia-Influenza Deaths, all ages.....	553
4(C) Total Deaths under 1 Year of Age.....	737
4(D) Total Deaths, Persons 65 years and over.....	6,657

Morbidity and Mortality Weekly Report

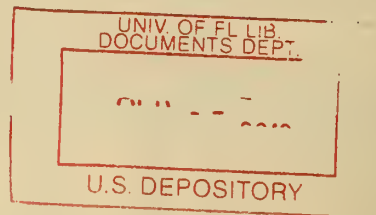
REPORTED STAPHYLOCOCCUS ENTEROTOXIN OUTBREAKS THROUGH DECEMBER 31, 1961*

Outbreak No.	Date Event	State	No. Eating Meal	No. Ill	Suspected Vehicle	Probable Place of Contamination	Incubation Range	Reported By
27	1/9/61	California	15	12	Enchiladas	Hotel Restaurant	3-18 hrs.	F. A. Listick
28	4/11/61	Louisiana	70	70	Crawfish Stew	School Banquet	4-8 hrs.	H. L. Ramos
29	5/20/61	California	-	5	Barbecued Ham	Restaurant	2-4 hrs.	F. A. Listick
**30	5/61	Idaho	-	45	Parota Salad	School Kitchen	3-5 hrs.	J. A. Maher
31	6/19/61	South Dakota	400	-	Baked Ham	Lodge Kitchen	2½-4½ hrs.	G. J. Van Heuvelen
**32	6/61	Dhia	-	10	Ham Loaf	Packing Plant	Not stated	Winslow J. Boshe
33	7/13/61	California	6	3	Chopped Ham or Turkey	Restaurant	3-6 hrs.	F. A. Listick
34	7/16/61	Minnesota	220	63	Baked Ham	Company Picnic	3-6 hrs.	D. S. Fleming
35	7/24/61	California	4	4	Banana Cream Pie	Bakery	2½-3½ hrs.	L. Rothbaler, A. C. Neiswander
36	7/26/61	New York	20	20	Chicken Salad	Hotel Restaurant	4 hrs.	E. F. Hall
37	8/5/61	Virginia	13	13	Ham and Egg Sandwiches	Commercial Lunch Truck	4 hrs.	M. Glendy
38	8/11/61	Naval Facility	37	27	Macaroni Salad	Galley	2-8 hrs.	S. J. Kendra
39	8/17/61	California	3	3	Barbecued Beef	Restaurant	3½ hrs.	J. Snider, L. Rothbaler
40	8/25/61	California	106	80	Tortilla Sandwich	Labor Camp Food Service	1-4 hrs.	R. F. Norman, A. F. Brewer
41	8/30/61	California	-	3	Fried Rice	Restaurant	3-3½ hrs.	F. A. Listick
42	8/30/61	New York	350	-	Chicken Salad	Hospital Kitchen	2-6 hrs.	W. J. Winkelstein
43	9/6/61	California	525	525	Beef Sandwiches	Labor Camp Food Service	3-5 hrs.	J. Layson
44	9/10/61	Minnesota	50	-	Parota Salad	Home	2½-5 hrs.	E. Filer
45	9/10/61	Arizona	60	16	Chicken and Potato Salad	Home	1½-4 hrs.	H. O. Willett, L. R. Mezero
46	9/15/61	California	3	3	Chicken Salad	Commercial	7-8 hrs.	L. Legares
47	9/61	North Carolina	-	120	Chicken Salad	School Cafeteria	3 hrs.	J. Karmen
48	11/4/61	California	3	3	Fried Chicken and Rice Casserole	Commercial	3 hrs.	J. Gardner
49	11/9/61	California	220	-	Ham	Restaurant	3 hrs.	P. J. Condit
50	11/14/61	Illinois	-	169	Spaghetti with Meat Sauce	School Kitchen	4-13 hrs.	A. G. Baker
51	11/16/61	Massachusetts	531	-	Roast Turkey and Dressing	Home and School Kitchen	3-6 hrs.	W. Gronin
52	11/24/61	California	5	2	Roast Turkey and Dressing	Home	½-1 hr.	R. Allibrooks, R. C. Terrell
53	12/17/61	Illinois	40	-	Uncertain	Church Supper	5-6 hrs.	W. J. Cassel

*Provisional data included as per MMWR, Vol. 10, Nos. 12 and 27.

INTERNATIONAL NOTES - QUARANTINE MEASURES

See page 91 of this report.



Notes: These provisional data are based on weekly telegrams to the Communicable Disease Center by the individual State health departments.

Symbols: --- Data not available
- Quantity zero

Procedures for construction of various mortality curves may be obtained from Statistics Section, Communicable Disease Center, Public Health Service, U. S. Department of Health, Education, and Welfare, Atlanta 22, Georgia.

Official Business

U. S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
Communicable Disease Center
Atlanta 22, Georgia



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